Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (ORIGINAL) Seed of corn inbred line designated KW7648, representative seed of said line having been deposited under ATCC Accession No. _____.

2. (ORIGINAL) A corn plant, or parts thereof, produced by growing the seed of claim 1.

3. (ORIGINAL) Pollen of the plant of claim 2.

4. (ORIGINAL) An ovule of the plant of claim 2.

5. (CURRENTLY AMENDED) The corn plant of claim 2, wherein said plant ~~is male sterile~~ is detasseled.

6. (ORIGINAL) A corn plant, or parts thereof, having all of the physiological and morphological characteristics of the corn plant of claim 2.

7. (ORIGINAL) A tissue culture of regenerable cells from the corn plant of claim 2.

8. (CURRENTLY AMENDED) A tissue culture according to claim 7, ~~the cells or protoplasts of the tissue culture being~~ wherein the cells or the protoplasts of said cells are produced from a tissue selected from the group consisting of leaves, pollen, embryos, roots, root tips, anthers, silks, flowers, kernels, ears, cobs, husks, and stalks.

9. (ORIGINAL) A corn plant regenerated from the tissue culture of claim 7, wherein the regenerated plant is capable of expressing all the morphological and physiological characteristics of inbred line KW7648.

10. (ORIGINAL) A corn plant with all of the physiological and morphological characteristics of corn inbred KW7648, wherein said corn plant is produced by a tissue culture process using the corn plant of claim 6 as the starting material for such a process.

11. (CURRENTLY AMENDED) A method for producing [[a]] an F1 hybrid corn seed comprising crossing a first inbred parent corn plant with a second inbred parent corn plant and harvesting the resultant hybrid corn seed, wherein said first inbred parent corn plant or ~~second said~~ said second parent corn plant is the corn plant of claim 2.

12 - 33. (CANCELLED)

34. (NEW) A hybrid corn seed wherein at least fifty percent of its genetic material originates from the pollen of claim 3.

35. (NEW) A hybrid corn seed wherein at least fifty percent of its genetic material originates from the ovule of claim 4.

36. (NEW) A method of producing a transgenic corn plant comprising transforming the corn plant of claim 2 with a transgene wherein the transgene confers a characteristic selected from the group consisting of: herbicide resistance, insect resistance, resistance to bacterial disease, resistance to fungal disease, resistance to viral disease, male sterility and corn endosperm with improved nutritional quality.

37. (NEW) A transgenic corn plant produced by the method of claim 36.

38. (NEW) A method of producing an herbicide resistant corn plant comprising transforming the corn plant of claim 2 with a transgene that confers herbicide resistance.

39. (NEW) An herbicide resistant corn plant produced by the method of claim 38.

40. (NEW) A method of producing an insect resistant corn plant comprising transforming the corn plant of claim 2 with a transgene that confers insect resistance.

41. (NEW) An insect resistant corn plant produced by the method of claim 40.

42. (NEW) A method of producing a disease resistant corn plant comprising transforming the corn plant of claim 2 with a transgene that confers disease resistance.

43. (NEW) A disease resistant corn plant produced by the method of claim 42.

44. (NEW) A method of producing a corn plant with decreased phytate content comprising transforming the corn plant of claim 2 with a transgene encoding phytase.

45. (NEW) A corn plant with decreased phytate content, produced by the method of claim 44.

46. (NEW) A method of producing a corn plant with modified fatty acid or carbohydrate metabolism comprising transforming the corn plant of claim 2 with one or more transgenes encoding a protein selected from the group consisting of stearyl-ACP desaturase, fructosyltransferase, levansucrase, alpha-amylase, invertase and starch branching enzyme.

47. (NEW) A corn plant produced by the method of claim 46.